

| Set | Items | Description |
|-----|---------|--|
| S1 | 98429 | COSMETIC? OR MAKEUP OR MAKE()UP OR ROUGE OR LIPSTICK? OR L-IP()STICK? OR LIPBALM? OR LIP()BALM? |
| S2 | 2673242 | RECEPTACL? OR CONTAINER? OR TUBE? OR HOUSING? OR ASSEMB? |
| S3 | 6982730 | DEVICE? OR APPARATUS? OR CASE? OR CASING? |
| S4 | 2062707 | UPPER? OR TOP OR TOPMOST? OR TOPWARD? |
| S5 | 2579170 | LOWER? OR BOTTOM? OR BOTTOMMOST? OR BOTTOMWARD? OR NETHER? |
| S6 | 1487391 | ANNULAR? OR ANNULAT? OR CIRCUMFEREN? OR PERIPHER? OR CIRCI-NAT? OR CIRCULAR? OR PERIMETER? |
| S7 | 1775710 | RING? OR MARGIN? OR FRING? OR BOUNDAR? OR EDGE? OR RIM OR -RIMS OR RIMMED |
| S8 | 2392232 | EXTERNAL? OR EXTERIOR? OR OUTWARD? OR OUTER? OR OUTSIDE? OR EXTRANEIOUS? OR EXTRINSIC? |
| S9 | 638430 | RIB OR RIBS OR KNURL? OR RIDGE? OR PROTRUBER? OR PROJECTIO-N? OR PROTRUSION? |
| S10 | 186128 | SWELL? OR FLUTE? OR HUMP? OR BUMP? OR BULGE? OR JUTTING? OR PAWL? OR DETENT? |
| S11 | 1676150 | WALL? OR BARRIER? OR SEPARATOR? OR SEPARATER? OR DIVIDER? -OR SEPTUM? OR DIVISION? OR PARTITION? |
| S12 | 1335209 | RESILIEN? OR ELASTIC? OR TRACTIL? OR DEFORM? OR FLEXIBL? OR FLEXUR? OR FLEXIL? OR DUCTIL? OR TENSIL? OR PLIANT? OR PLIAB-L? OR MALLEABL? |
| S13 | 153043 | AIRTIGHT? OR AIR()TIGHT? OR HERMETIC? OR IMPERMEABL? OR LE-AKPROOF? OR LEAK()PROOF? |
| S14 | 404020 | WAVY OR WAVELIKE? OR WAVE()LIKE? OR SINUSOID? OR CURV? OR -RIPPL? OR UNDULAT? OR PERISTALT? OR CRINKL? |
| S15 | 799672 | ENDLESS? OR END()LESS? OR PERPETUAL? OR CONTINUOUS? OR INT-ERMINABL? OR INFINIT? OR NEVEREND? OR NEVER()ENDING |
| S16 | 2101540 | CAP OR CAPS OR LID OR LIDS OR TOP OR TOPS OR COVER? OR SCR-EWTOP? OR CLOSURE? |
| S17 | 1670170 | STOPPER? OR BRAKE? OR BRAKING? OR BLOCK? OR JAMB? OR CHOCK? OR CHECK? OR IMPEDIMENT? OR HINDRANC? OR DETERREN? |
| S18 | 5878 | (EXCESSIV? OR UNDUE? OR IMMODERAT?) (2N) (INSERT? OR FORCE? -OR PUSH?) |
| S19 | 398613 | IC=(A45D? OR B29C? OR B29F?) |
| S20 | 7102 | S1(3N)S2:S3 |
| S21 | 3687 | S20 AND S19 |
| S22 | 7102 | S20:S21 |
| S23 | 1020 | S22 AND S9:S10 |
| S24 | 408 | S23 AND S9:S10(5N)S4:S8 |
| S25 | 11 | S23 AND S9:S10(5N)S14 |
| S26 | 230 | S23 AND S9:S10(5N)S15:S17 |
| S27 | 527 | S24 OR S26 |
| S28 | 15 | S27 AND S11(5N)S12:S13 |
| S29 | 210 | S27 AND S2:S3(5N)S16 |
| S30 | 3 | S27 AND S15(5N)S6:S7 |
| S31 | 2 | S23 AND S18 |
| S32 | 230 | S26 AND (S27 OR S30) |
| S33 | 187 | S32 AND S19 |
| S34 | 4 | S33 AND S4:S8 AND S11:S13 AND S14 AND S15:S17 |
| S35 | 28 | S25 OR S28 OR S30:S31 OR S34 |
| S36 | 28 | IDPAT (sorted in duplicate/non-duplicate order) |

? show files

File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200449

(c) 2004 Thomson Derwent

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PAT Lit
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FILES

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36/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

THIS APPLICATION

014553088 **Image available**
WPI Acc No: 2002-373791/200241
XRPX Acc No: N02-292170

Lipstick container has inner cap with lower swell that restricts removal of cap assembly and upper swell that restricts excessive insertion of housing assembly in cap assembly

Patent Assignee: HIDAN KK (HIDA-N)
Inventor: FUJITA H; HIROTOMI K; ITO K; YAMAZAKI H
Number of Countries: 029 Number of Patents: 004
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|----------------|------|----------|---------------|------|----------|----------|
| EP 1197162 | A2 | 20020417 | EP 2001307930 | A | 20010918 | 200241 B |
| US 20020043270 | A1 | 20020418 | US 2001966443 | A | 20010926 | 200241 |
| CN 1347674 | A | 20020508 | CN 2001141188 | A | 20011012 | 200253 |
| JP 2002186520 | A | 20020702 | JP 2001172545 | A | 20010607 | 200258 |

Priority Applications (No Type Date): JP 2001172545 A 20010607; JP 2000312607 A 20001012

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|--|------|--------|-------------|--------------|
| EP 1197162 | A2 | E 27 | A45D-040/06 | |
| Designated States (Regional): AL AT .BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR | | | | |
| US 20020043270 | A1 | | A45D-040/24 | |
| CN 1347674 | A | | A45D-040/00 | |
| JP 2002186520 | A | 15 | A45D-040/00 | |

Lipstick container has inner cap with lower swell that restricts removal of cap assembly and upper swell that restricts excessive insertion of housing assembly in cap assembly

Abstract (Basic):

... A lower swell (17) includes multiple spaced segments that prevent removal of a cap assembly (11). An upper swell (16) includes an endless continuous ring that prevents excessive insertion of a housing assembly (1,3,4,7,9) in the cap assembly.

... The cap assembly includes an inner cap (12) engaging an external annular projection (8). The inner cap has a wall portion (15) between upper and lower external swells (16,17). The wall portion of the inner cap deforms plastically and airtightly engages the annular projection when the cap assembly is mounted on a housing assembly (1,3,4,7,9...

...Improves airtightness of the container in the capped condition and allows easy capping of the lipstick container . Prevents removal of the cap from the housing assembly...

...The figure is a vertical cross-section of a lipstick container .

... External annular projection (8...

... Upper and lower external swells (16,17

...Title Terms: SWELLING ;

International Patent Class (Main): A45D-040/00

... A45D-040/06 ...

... A45D-040/24

36/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013953132 **Image available**
WPI Acc No: 2001-437346/200147
XRPX Acc No: N01-324334

**Compact cosmetics container has elastic noise reduction board
accommodated fully in peripheral wall of a push button below a hook
extended perpendicularly from cover and press-fitted projection
ridge of container rear wall**

Patent Assignee: YOSHINO KOGYOSHO KK (YOSK)
Number of Countries: 001 Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|-------------|------|----------|----------|
| JP 2001151256 | A | 20010605 | JP 99338978 | A | 19991130 | 200147 B |

Priority Applications (No Type Date): JP 99338978 A 19991130

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|---------------|------|--------|-------------|--------------|
| JP 2001151256 | A | 4 | B65D-045/18 | |

**Compact cosmetics container has elastic noise reduction board
accommodated fully in peripheral wall of a push button below a hook
extended perpendicularly from cover and press-fitted projection
ridge of container rear wall**

Abstract (Basic):

... A hook (35) extended perpendicularly from the cover of
container, is press-fitted in **projection ridge** (24) formed at
container rear wall . An **elastic** noise-reduction board (27) is fully
accommodated in a peripheral wall (23) of a push...

...of hook is absorbed, by noise reduction board when hook is detached from
a projecting **ridge** (24).

... **Compact cosmetics** container .

...

... **Projection ridge** (24

...Title Terms: **RIDGE** ;

International Patent Class (Additional): **A45D-033/00**

36/3,K/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012946598 **Image available**
WPI Acc No: 2000-118448/200011
XRPX Acc No: N00-089763

Cosmetic container, e.g. for lipstick
Patent Assignee: HIDAN CO (HIDA-N); HIDAN KK (HIDA-N)
Inventor: ABE Y; ITO K; KOBAYASI T; KOYAMA M; KOBAYASHI T
Number of Countries: 028 Number of Patents: 007
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|---------------|------|----------|-------------|------|----------|----------|
| EP 976344 | A2 | 20000202 | EP 99111891 | A | 19990621 | 200011 B |
| JP 2000004932 | A | 20000111 | JP 98193608 | A | 19980625 | 200013 |
| CN 1240622 | A | 20000112 | CN 99108590 | A | 19990625 | 200022 |
| US 6070725 / | A | 20000606 | US 99314345 | A | 19990519 | 200033 |
| JP 3153992 | B2 | 20010409 | JP 98193608 | A | 19980625 | 200122 |
| EP 976344 | B1 | 20031001 | EP 99111891 | A | 19990621 | 200365 |
| DE 69911696 | E | 20031106 | DE 611696 | A | 19990621 | 200381 |
| | | | EP 99111891 | A | 19990621 | |

Priority Applications (No Type Date): JP 98193608 A 19980625

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|---|------|-----|----|-------------|-------------------------------------|
| EP 976344 | A2 | E | 9 | A45D-040/00 | |
| Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI | | | | | |
| JP 2000004932 | A | | 7 | A45D-034/00 | |
| CN 1240622 | A | | | A45D-040/04 | |
| US 6070725 | A | | | B65D-085/72 | |
| JP 3153992 | B2 | | 5 | A45D-034/00 | Previous Publ. patent JP 2000004932 |
| EP 976344 | B1 | E | | A45D-040/00 | |
| Designated States (Regional): DE FR GB IT | | | | | |
| DE 69911696 | E | | | A45D-040/00 | Based on patent EP 976344 |
| Cosmetic container, e.g. for lipstick | | | | | |

Abstract (Basic):

... The cosmetic container (10) includes a housing assembly (1,3,7) with an annular projection (8) and a cap assembly (11,12) with an inner cap member (12) engageable with the annular projection. The inner cap member has a thin wall portion (15) defined between a pair of upper and lower annular external swells (16,17), which is deformed to provide airtight engagement with the annular projection in a capped condition.

... The lower swell (16) acts as a first stopper against removal of the cap assembly from the housing assembly, whereas the upper swell (17) acts as a second stopper against excessive insertion of the housing assembly into the cap assembly (11...

...The figure shows an enlarged view of part of a lipstick container .

...Annular projection (8...

... Cosmetic container (10...

...External swells (16,17

International Patent Class (Main): A45D-034/00 ...

... A45D-040/00 ...

... A45D-040/04

36/3,K/11 (Item 11 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012065793 **Image available**
WPI Acc No: 1998-482704/199842
XRPX Acc No: N98-376577

Mechanical container for bar shaped cosmetic products - where container body has in lower zone, curved section external peripheral projection which co-operates with internal projection at open end of closing cap

Patent Assignee: TECHPACK ESPAN SL (TECH-N)
Inventor: MONIN-BAREIL R
Number of Countries: 024 Number of Patents: 001
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-----------|------|----------|-------------|------|----------|----------|
| EP 865743 | A2 | 19980923 | EP 98500016 | A | 19980126 | 199842 B |

Priority Applications (No Type Date): ES 97U2752 U 19971027; ES 97U258 U 19970203

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|-----------|------|-----|----|-------------|--------------|
| EP 865743 | A2 | E | 6 | A45D-040/06 | |

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Mechanical container for bar shaped cosmetic products...

...where container body has in lower zone, curved section external peripheral projection which co-operates with internal projection at open end of closing cap

...Abstract (Basic): The container is characterised in that the **external** body provided with the helicoidal grooves (3) has an **external lower** zone fitted with a **projection** (11) that has a **curved** section which extends around the **periphery** of the body to act as an attachment for holding the closing **cap** (6) in the container's closed position. The container is further characterised in that the closing **cap** has an increased thickness (10) around the inner side of its open end **edge** substantially reinforcing the **edge** of the **cap**. The increased thickness has a **curved** section and constitutes an inner **annular** reinforcement leaning directly over the **external wall** of the tubular body, which body is fitted with helicoidal depressions forming a small gap or chamber between the body and the **cap**.

...ADVANTAGE - Provides for an effective means of attachment between the container and the closing **cap** which allows for easy and smooth separation of the two parts when so desired

...Title Terms: LOWER ;

International Patent Class (Main): A45D-040/06

36/3,K/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011197156 **Image available**
WPI Acc No: 1997-175081/199716
XRPX Acc No: N97-144691

Plastic case for decorative make - up goods with single touch
opening/closing arrangement - forms hermetically covered sealing
arrangement by providing mutually contacting ribs and valley parts in
cover and container body surfaces

Patent Assignee: NAITO KOGYO KK (NAIT-N)
Number of Countries: 001 Number of Patents: 002
Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 9039995 | A | 19970210 | JP 95209111 | A | 19950725 | 199716 B |
| JP 3517801 | B2 | 20040412 | JP 95209111 | A | 19950725 | 200425 |

Priority Applications (No Type Date): JP 95209111 A 19950725

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|-------------|----------------------------------|
| JP 9039995 | A | | 5 | B65D-043/22 | |
| JP 3517801 | B2 | | 4 | B65D-043/22 | Previous Publ. patent JP 9039995 |

Plastic case for decorative make - up goods with single touch
opening/closing arrangement...

...forms hermetically covered sealing arrangement by providing mutually
contacting ribs and valley parts in cover and container body surfaces

...Abstract (Basic): The case comprises a container body (11) provided with
a cover (12). Along with one side edge (14) of the container body,
a hinged arrangement for opening and closing arrangement is provided in
the cover. A first stopper piece (15) is formed facing downwards to
the side edge of the cover. Wave shaped angular ribs (16) and
valley parts (17) are formed to the inner wall surface of the cover
. A corresponding valley part and rib parts are formed to the outer
wall of the container body to provide a hermetically curved
sealing arrangement by press- fitting each other mutually...

...In addition to the above, a taper side protrusion part (18) projecting
downwards from the first stopper piece is formed from the inner wall
of the cover surface. A groove part (21) is formed to side edge
part of container body corresponding to the taper state protrusion .
Second stopper pieces (22) at the bottom and grooves (28) together
with a pressure part (29) are formed to the outer wall of the
container. By pushing the cover to the upper side, the opening is
ensured...

...Title Terms: HERMETIC ;

International Patent Class (Additional): A45D-033/00

36/3,K/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

010819405 **Image available**
WPI Acc No: 1996-316358/199632
XRPX Acc No: N96-266413

Compact container for cosmetics - has main body with traverse U shaped half part and cover with concave parts connecting protrusions in clamping belts allowing reciprocation

Patent Assignee: YOSHINO KOGYOSHO KK (YOSK)

Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 8140729 | A | 19960604 | JP 94312765 | A | 19941122 | 199632 B |
| JP 3519148 | B2 | 20040412 | JP 94312765 | A | 19941122 | 200425 |

Priority Applications (No Type Date): JP 94312765 A 19941122

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|----------------------------------|
| JP 8140729 | A | 6 | A45D-033/00 | |
| JP 3519148 | B2 | 6 | A45D-033/00 | Previous Publ. patent JP 8140729 |

Compact container for cosmetics - ...

...has main body with traverse U shaped half part and cover with concave parts connecting protrusions in clamping belts allowing reciprocation

...Abstract (Basic): which a frame (4) is press-fitted. This is done by depressing onto a O ring (23) located in the bottom groove (17). A make up material holding plate (5) is press-fitted to the inner wall surfaces of the frame with a side wall (30). A cover (3) is fixed to cover the container from the top. A packing (6) is fixed on the inner surface of the top wall (19) to maintain an air tight closing by pressing the upper flange (33) on the holding plate. A U shaped clamping belt (7) nips the upper and lower peripheral edge surface of the main body, with the upper and lower flanges (34,35) of the protrusions (39) at the leg ends...

...A concave part matching with the protrusions are formed on the sides opposite to the traversing U shaped part of the main body. Another protrusion formed at the central curved base part in the U shaped clamping belt fixes the cover peripheral wall (18) formed at a concave part with the upper flange (34). This is done, while holding the lower peripheral surface of the main body with the lower flange (35). The cover has notches to pierce through the protrusion of the clamping belt where it clamps the opposite sides of the main body...

...reciprocation of predetermined width of container body with clamping belt. Enables opening and closing of cover by drawing out clamping belt by virtue of notch parts. Provides air tight container structure. Prevents outflow of cosmetics...

...Title Terms: COVER ;

International Patent Class (Main): A45D-033/00

36/3,K/17 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

010774488 **Image available**
WPI Acc No: 1996-271441/199628
XRPX Acc No: N96-228150

Lipstick **cylindrical-shape** container - projects wave-shape rib to
whole inner peripheral surface of cylinder-shape container

Patent Assignee: KOSE KK (KOSE-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 8112140 | A | 19960507 | JP 94275688 | A | 19941014 | 199628 B |

Priority Applications (No Type Date): JP 94275688 A 19941014

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| JP 8112140 | A | 5 | A45D-040/00 | |

Lipstick **cylindrical-shape** container - ...

...projects wave-shape rib to whole inner peripheral surface of
cylinder-shape container

...Abstract (Basic): The container holds firmly a cylinder-shape lipstick.

A rib is formed to the whole inner peripheral wall of the
container. The rib which assumes a waveform is provided continuously
to the inner peripheral wall of the container...

...Title Terms: RIB ;

International Patent Class (Main): A45D-040/00

36/3,K/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

010636520 **Image available**
WPI Acc No: 1996-133473/199614
XRPX Acc No: N96-112282

Rod shaped container for make - up goods - has engagement part of outer cylinder which is movably engaged with holding part of decorative cylinder

Patent Assignee: HIDAN CO (HIDA-N); HIDAN KK (HIDA-N)

Inventor: ITO K; MATAYOSHI H

Number of Countries: 004 Number of Patents: 004

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| JP 8024042 | A | 19960130 | JP 94187766 | A | 19940718 | 199614 B |
| US 5597252 | A | 19970128 | US 95503122 | A | 19950717 | 199710 |
| CN 1129091 | A | 19960821 | CN 95115049 | A | 19950718 | 199751 |
| KR 238848 | B1 | 20000115 | KR 9520886 | A | 19950715 | 200116 |

Priority Applications (No Type Date): JP 94187766 A 19940718

Patent Details:

| Patent No | Kind | Lan Pg | Main IPC | Filing Notes |
|------------|------|--------|-------------|--------------|
| JP 8024042 | A | 7 | A45D-040/06 | |
| US 5597252 | A | 14 | A45D-040/06 | |
| CN 1129091 | A | | A45D-040/00 | |
| KR 238848 | B1 | | A45D-040/10 | |

Rod shaped container for make - up goods...

...Abstract (Basic): which has a sliding hole (15) running longitudinally. The main body is engaged with an **outer** cylinder body (1) with its **protrusion** (17) engaged in a spiral groove (13) made on the interface of the outer cylinder...

...Abstract (Equivalent): A **cosmetic container** comprising: a main body provided at a lower portion thereof with slot means extending in a longitudinal direction; an outer body provided with a **continuous** spiral groove on an inner **peripheral** surface thereof, said outer body surrounding said main body substantially in close relation to each...

...each other but allowing relative longitudinal sliding movement therebetween, said cosmetic holder being provided with **projection** means projecting **outwardly** therefrom through said slot means to be in engagement with said continuous spiral groove so...

International Patent Class (Main): **A45D-040/00** ...

... **A45D-040/06** ...

... **A45D-040/10**

International Patent Class (Additional): **A45D-040/02** ...

... **A45D-040/04** ...

... **A45D-040/12**

36/3,K/23 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

004199593

WPI Acc No: 1985-026473/198505

XRPX Acc No: N85-019413

Small cup for holding lipstick block in sleeve - has deformable
projection allowing cup to squeeze into sleeve to clamp lipstick block
Patent Assignee: L'OREAL SA (OREA)

Inventor: BOUIX H

Number of Countries: 004 Number of Patents: 006

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| DE 3425591 | A | 19850124 | DE 3425591 | A | 19840711 | 198505 B |
| GB 2143212 | A | 19850206 | GB 8416752 | A | 19840702 | 198506 |
| FR 2548880 | A | 19850118 | | | | 198509 |
| GB 2143212 | B | 19870708 | | | | 198727 |
| IT 1179013 | B | 19870916 | | | | 199036 |
| DE 3425591 | C | 19901220 | | | | 199051 |

Priority Applications (No Type Date): FR 8311531 A 19830711

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
|------------|------|-----|----|----------|--------------|
| DE 3425591 | A | | 18 | | |

... has deformable projection allowing cup to squeeze into sleeve to
clamp lipstick block

...Abstract (Basic): The small cup, used to hold lipstick blocks in their
casing , has a cylindrical or prismatic shape and is designed to glide
in the lipstick sleeve...

...Abstract (Equivalent): wall thickness, are bent outwards and are bent
inwards underneath the edge area. These side wall parts are pressed
resiliently by the tubular shaped part (9) of the sleeve (8) into the
lipstick mass...

...The side wall parts have in the lower area reinforcement ribs (29)
which extend from the bottom into the slit area. The ribs are pref.
each evenly spaced from the slits...

International Patent Class (Additional): A45D-040/06

36/3,K/27 (Item 27 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06722679 **Image available**
COSMETIC CONTAINER

PUB. NO.: 2000-308517 [JP 2000308517 A]
PUBLISHED: November 07, 2000 (20001107)
INVENTOR(s): YUZUHARA YUKITOMO
KOBAYASHI NORIHIRO
APPLICANT(s): YOSHIDA INDUSTRY CO LTD
APPL. NO.: 11-122888 [JP 99122888]
FILED: April 28, 1999 (19990428)

COSMETIC CONTAINER

INTL CLASS: A45D-033/00

ABSTRACT

... TO BE SOLVED: To enhance the braking strength of a flexible piece by adding a **deforming** function to a **wall** surface where the **flexible** piece having repulsive force is formed so as to distribute stress when this flexible piece...
...deformed at the time of attaching/detaching, etc., a cosmetic tray.

SOLUTION: The first engaging **projection** 28 which can be engaged with the engaging groove 24a of a cosmetic tray 24 is formed on the first inner surface 20a of a **cosmetic** tray housing part 20. Plural **pawls** 30 respectively forming a vertical slit 30a extended in a vertical direction on both sides and respectively making its lower end a free end, and the second engaging **projections** 32 which can be engaged with the groove 24a are formed on the inner surface of their lower end part. The second inner surface 20b between the **pawls** 30 is made a **flexible** holding wall 34 with a spring force larger than that of the **pawl** 30 by making its lower end a free end, and a projecting part 36 is formed on the inner surface of this by a projecting quantity smaller than that of the **projections** 32. A horizontal slit 38 is formed at the upper end part of the surface 20b over the whole width of the forming area of the wall 34 and the **pawls** 30.

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36/3,K/28 (Item 28 from file: 347)
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ROD TYPE COSMETIC DELIVERY VESSEL

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ABSTRACT

... of fitting and flexibility to other vessels, regarding the cap of a delivery vessel for **housing** rod type **cosmetics** such as a lipstick containing a volatile component.

SOLUTION: This vessel has a sleeve 6 for internally fitting and holding rod type **cosmetics** 1, and internally **housing** a holding cylinder 2 having a suspended leg cylinder 3 with a screw **projection** 4 on a **lower** end **outer** wall, so as to be freely slidable vertically. The screwed **projection** 4 passes through the **lower** part of the sleeve 6 and a guide groove 7 is formed on the lower...

... spiral cylinder 9 having the lower part of the sleeve 6 rotatably inserted with the **projection** 4 screwed to an inner wall and an open spiral groove 10 at the lower...

... the lower part of the intermediate cylinder, and a cap 21. In addition, a thin- **wall** part formed to be **flexible** and internally fixed to the cap 21 is provided and the inner side of the thin-wall part is provided with a plurality of the **projections** 4 for fitting with the fitting recess of the intermediate cylinder. In this case, the inner diameter of the **upper** part of the fitting **projections** 4 is made equal to or slightly less than the outer diameter of the intermediate...